G. R. S IX-5]

Previous references

1920

File No 77

Serial Nos. 5-6

Later references

GENERAL AND REVENUE SECRETARIAT

Serial Nos

Part B for March 21

Ayurvedic College — SUBJECT

Students recent visit to the Bilgiri rangan Hills to improve their professional Knowledge

Mun Dept's 3340 dy 29.3.21

99 206

(Recd on the point inst

WD 2253-1 PB—20,000 11 6 20

Clerk

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G. R. S. III—1] 1920

GENERAL AND REVENUE SECRETARIAT.

(Ernakulam)

NOTES.

File No. 47 20

FILE HEADING.

Report re Visit of certain students and teachers of the Mysore Ayurvedic College to the Periyar Cardamom Hills for study of medicinal herbs, &c.

From

The Ernakulam Superintendent in Cochin

R. C. No. 208-20 Dated 5-3-21 Received 9-3-21

Diary No. 1841	Enclos. 2 Spare Copies.	Serial No. 5

BRIEF ABSTRACT OF LETTER.

Submits a brief report on the visit of certain students of the Ayurvedic College at Mysore to the Periyar Cardamom hills for study of medicinal herbs &c

NOTES AND ORDERS.

Submd for perusal with a draft G.O recording the report.

C.G 14/3/21 14/3/21

Secy 15/3/21

Secy)

Secretary

P.T.O

Notes—First Sheet. 16/3/21

(204)

[G. R. S. III-2]

General and Revenue Secretariat. | Emergency File No. 99 of 1920.

Serial No.	
4727-20 16.3.21 2087	3 Dr Sp appeared.
	4 On Forest & hill tribes abound with plants of great therapeutic value & it would pay in the long run if a medical man who has specially qualified in Therapeutics & Pharmacology could be got to work at this & help enlarge the Materia Medica of India. Reed 21.3.21. U/21/3/2
	5) Warrier — AMH 22/3/21
6	G.O. No 3340 dated the 29th March 1921. To the Inspector Superintendent Records the report 6) Resubmitted for orders with reference to paragraph 4 of the notes above. C.G. 30/3/21 30/3/21 AMH 2-4-21
	Orders? 7) Yes Let them do the T 4/4/21 AMH 6-4

NOTE—Contn sheet.

G. R. S. III-21

General and Revenue Secretariat.

Mysore File No. 99 of 1920

Serial No.

8) Submitted. The file may if approved be forwarded unofficially to the Offg. Senior Surgeon for favour of opinion.

DCS 5/4/21.

5685 5/4/21

Jkn 3rd Member 5/4/21

4/4

No. 60 of 20

B/12-4-21.

PROTECTION BRANCH. 12 APR 1921

Forwarded, with compliments, to the Senior Surgeon in Mysore for favour of opinion.

By Order,

DC Subbarayappa,

For Rev. Secy. to Govt.

11/4/21.

No C 2224 16-41-21 with full file

GEN & REV. SECTT. 18 APR 1921

The report on the experiments conducted by Pandit T.Srinivasa Iyengar, Lecturer of the Ayurvedic College, cannot be called a scientific experiment. His experiments are lacking in ~~the~~ scientific accuracy and details. His report does not mention the scientific descriptions of the unknown plants he mentions or the names of the diseases on which the drugs were ~~applied~~ tried and in what forms they were ~~applied~~ tried. For an example, he mentions the bark of a certain tree, said to be a specific for womb troubles was administered to a couple of women suffering from the disorders and produced good effect on them. I wish to point out that

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NOTE—Contn. sheet.

that the womb troubles are multifarious and for which of those troubles the drug was found efficacious, in what form the bark was administered either internally in the form of a mixture or decoction or applied as a washto the womb and after how many days treatment the improvement was first noticed and what the clinical ~~science~~ signs and symptoms were previous to the course of the treatment & what improvements were noticed at the end of the treatment which are necessary details to be recorded in a scientific experiment, are not mentioned in his report. A scientific description of the plants by Botanists is also indispensable. He further says that the root of a tree said to be good for Ague was given with satisfactory results to many persons suffering from that disease. Now we know that Ague is not a disease in itself, but it is a symptom of many infective diseases which is attended with shivering. This symptom is commonly present in Malaria,, Septic infections of the blood with Micro-organisms and so on. Evidently he means Malaria I presume. If that be so it is necessary that the blood of the patients should have been examined to confirm the diagnosis. It is also necessary to know in what form the root was administered and after how many doses the improvement was noticed and how long the cure lasted.

In my opinion it would be a dangerous practice to allow men with inferior knowledge to perform experiments on humans beings with drugs whose physiological and therapeutic actions are unknown to the experimenter. In the west such experiments are first made on animals and then if found safe are tried on humans beings. If this is not done the experimenter would be prosecuted for man slaughter. I quite appreciate the usefulness of the students making periodical excursions to the Forest and Hill side to acquaint themselves with herbs and plants already

known

20875

known to Ayurvedic medicine, in their natural state, but they must be guided by one who understands the subject. What I object to is the indiscriminate experiment on human beings with drugs unknown to the experimentee.

With regard to para 4 of the unofficial reference I wish to point out in the first place that there is no qualified medical man in our service, who is capable of undertaking the investigation of Therapeutic uses of the plants and herbs which are found in our Forests and Hill Sides. The task is not so simple as it looks. It would require at least two men, one trained in advanced Pharmaceutical Chemistry and the other in experimental Physiology and Pharmacology. They would require specially fitted up-to-date laboratories. The Forest and Agricultural departments would be required to cooperate with them and to extend their unstinted support to carry on the experiments. An able Ayurvedic Physician, thoroughly acquainted with the medicinal herbs and plants, would be required to cooperate with the experimenters. All this means an out-lay of large sums of money to meet the building and equipment of the Laboratories, the salary of officers and their staff and the materials necessary for experiments, for which we are not prepared at present.

W. B. Krishnamurthy

Offg. Senior Surgeon.

The file will, if approved, be passed on to the Muzrai Secretariat with the above opinion

3rd Member) 20/4

Muzrai Sec^y) 20/4/21.

5901
18-4-21

DCS 18/4/21

DCS 20/4/21.

G. R. S. III-2]

General and Revenue Secretariat.

File No. of 19

Serial No

Paras 1 & 2 of the Senior Surgeons make me be Communicated to the Principal of the Ayurvedic College, Ygone

As regards the danger of Experimenting on human beings I would point out that the lecturer Sreeman a Char means is that certain drugs, whose names are not known but which are recognized by Vaidyas as Specifics for Certain Complaints were taken and administered with success. This is not really an Experiment. It is applying in a Clinic like Ygone a drug found efficacious in a remote Village.

There is no doubt that the report is wanting in Scientific precision but that is too much to expect from our Staff.

The Senior Surgeons right knows that there is no likelihood of the difficulties in para 4 happen

NOTE—Contn. sheet

G. R. S. III-2.

General and Revenue Secretariat. | File No. | of 19 .

Serial No.

being Carried out immediately.
Secret Member) U/ 22/4/21.

5-5-31-193
23-4-1921

Secy. Yes. I am quite aware of the difficulty in getting the suitable personnel, the appliances & last but not least the finances for conducting the necessary investigation. The S. S observations are quite sound and require to be noted. Unless there is a class of Physicians versed in both the western & the Ayurvedic System of medicine, not much progress can be expected. But. I feel that it is only a matter of time & time to come in our Course

Secy
25.4.21

U/ 25/4/21

Maybe papers be filed?
RL
25/4/21

Yes U/ 26/4/21

NOTE—Contn. sheet.

OFFICE OF THE

MUZRAI SUPERINTENDENT

IN MYSORE.

1841

1921

SECTION Accr

FILE No. 99-20

SERIAL No. 5

NOTE R Cnu 206 of 20-21

5th March 1921

SUBJECT :-- Students' recent visit to the Biligirirangan Hills, to improve their professional knowledge.

* * * * *

With reference to para 2 of the Government Order No. 2256/A.F.99-20-4 dated the 29th December 1920 directing the submission of a further report regarding the results of the experiments -- proposed to be made with the herb-plants etc., collected by the students during their recent excursion to the Biligiri Rangan Hills, I beg to submit herewith for the information of Government letter No. 107 dated 23rd February 1920 together with its enclosures received from the Head Master on the subject.

Muzrai Superintendent.

4th March 1921.

GPB—600—17 2 14

19 21.

From The Head Master, Ayurvedic College,

~~THE MUZRAI SUPERINTENDENT~~

IN MYSORE.

To The President, Ayurvedic College Committee, Bangalore.

Dated 23rd Feb 1921.

Despatched

Received

No. 107.

Enclosure No. One.

OF THE MUZRAI SUPERINTENDENT
Re No 206 of 20-21
FEB 25 1921

Sir,

In compliance with your Official Memorandum No. R. e. 206 of 20-21, Enc No 1, dated 7th January 1921, I have the honour to submit herewith a report upon experiments made by Pandit T. Srinivasa Iyengar, Lecturer of the Ayurvedic College, with certain drugs brought from the Biligiri Rangan Hills during the excursion of the students in the month of October last.

I have the honour to remain,
Sir,
your most obedient Servant,

S. Venkobarao,
Head Master

GPB—1,000—8-7 13

To

The Head Master,
Govt. Ayurvedic College,
Mysore.

23rd Feb 1921.

Sir,

In compliance with Government Proceedings No. 2256/Menj/99-20-4, dated, Bangalore, the 29th December 1920, conveyed in the Menyrai Superintendent's Official Memorandum No. R.C. 206 of 20-21, Enc No.1, dated 7th January 1921, I beg to submit herewith the results of some experiments carried out by me with many of the drugs brought from the Biligiri Rangan Hills during the excursion of the College students in October last.

The drugs are of two sorts, namely, known and un-known. The known drugs are those whose properties are described in authoritative Ayurvedic works, while the unknown ones are those that are not so described, and even their names are not known locally, but they are called cures or medicines for such and such diseases. Of the known drugs which were fully grown and fresh, some were given to patients with the result that they worked much better than those of the same kind, which are dry and procurable in the local bazaars. Of the un-known drugs some were tried and gave good results for which they are reputed to be cures.

For instance, the bark of a tree, which is said to be a specific for womb troubles, was administered to a couple of women suffering from the disorders named, & produced good effects

on

on them; the bulby root of a plant which is said to be a good cure for gangrene was applied to some cases of chronic foul ulcers and they were cured; the root of a tree said to be good for ague was given with satisfactory results to many persons suffering from that disease.

As we have no wards for In-patients our experiments had to be restricted to a few selected out-door patients, many of whom did not appear again to let us know the results.

The Mysore forests and other places abound with drugs of various sorts, whose properties are known to only a few local men in the neighbourhood, and frequent trips to such places will be very useful for students and the staff of the College to acquaint themselves with their properties and to try experiments with them, thus aiding the enlargement of our Indian Materia Medica.

I beg to remain, Sir,
Your most obedient Servant,

T. Srinivasa Iyengar
Lecturer.

From No 29
— 27/2/21

S. Venkoba Rao,
Head Master,
23-2-21.

G.R.S. 28]

Diary No. of letter replied to 1841

File No. 99-20
Serial No. 6

Proceedings of the Government of His Highness the Maharaja of Mysore

GENERAL AND REVENUE SECRETARIAT.
(VU)

, *the* 191 .

Date of issue 22.3.21

Signed by

READ—

G.O. No 776-7 / Inspn 99-20-2 dated the 21st August 1920 according sanction to the ~~proposed~~ excursion of the Students of the Ayurvedic College at Mysore to the Biligiri rangan hills in the Yelandur Taluk Mysore District for the

ORDER THEREON.—No.

over

SUBJECT.

of medicinal plants and herbs.

2. G.O. No 2256/Mungai 9-2-14 dated the 29th Dec 1920 record of the report on the work done by the Students referred to above on the Bibirini range hills and calling for a further report regarding the results of the experiments proposed to be made with the herbs, plants &c Collected by the Students during their ~~Excursion~~ excursion

3. Note No R.C 206 of 20+21 dated the 5th March 1921 of the Mungai Subcounty Engineer Submitting for information a report on the results of the experiments made by the Students in

GPB-20,000-2101

G.R.S. 27]

GENERAL AND REVENUE SECRETARIAT.

(Continuation sheet draft form.)

herbs and plants
by them from the Biligiri
range hills.
Order No 3246
Mis 29-20-5
29-3-21 Recorded

U J 16/3/21
Secretary to
Govt Agri Dept

Ref
21.3.21

14/3/21
To The Govt Entomologist
Coimbatore.

C.S.
14/3/21